



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/058,035 Confirmation No. : 4052  
First Named Inventor : Toshihiro TAKAGI  
Filed : January 29, 2002  
TC/A.U. : 2623  
Examiner : F. Hossain  
  
Docket No. : 010482.50894US  
Customer No. : 23911  
  
Title : Channel Selection Device for Use in a Digital/Analog  
Broadcasting Receiver For Reception of Main and Sub  
Channels (As Amended)

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §§ 1.97 AND 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, the attached Form PTO-1449 lists documents which the Examiner may deem relevant to patentability of the claims of the above-identified application.

**I. Time Period of Submission**

This Information Disclosure Statement is submitted:

☐ 1) no later than three months from the application's filing date or 2) before the mailing date of the first Office Action on the merits (whichever is later) or 3) before a first Office Action after the filing of a Request for Continued Examination, and therefore no statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

☒ 2) after the later of three months from the application's filing date and the mailing date of the first Office Action on the merits, but before a Final Office Action, a Notice of Allowance, or an action closing prosecution (*Ex parte Quayle*), (whichever is earlier), and therefore Applicant is filing concurrently herewith:

08/10/2006 MBEYENE1 00000027 10058035

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180.00 OP

☐ a Statement under 37 C.F.R. § 1.97(e); or

☒ a fee in the amount of \$180.00 under 37 C.F.R. § 1.17(p).

☐ 3) after either a Final Office Action or a Notice of Allowance, but before payment of the Issue Fee, and therefore Applicant is submitting herewith:

a Statement under 37 C.F.R. § 1.97(e); and

a fee in the amount of \$180.00 under 37 C.F.R. § 1.17(p).

II. Statement Under 37 C.F.R. § 1.97(e)

☐ I hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or

☐ I hereby state that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to my knowledge after making a reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement; or

III. Statement under 37 C.F.R. § 1.704(d)

☐ I hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this Information Disclosure Statement.

IV. Submission of Non-English Language Documents

☒ The following is a concise explanation of relevance of the non-English language documents listed in the attached Form PTO-1449:

☐ The relevance of document(s) \_\_\_\_\_ to the subject matter of the present invention is/are provided in the specification of the above-identified application.

☐ Corresponding foreign or international report(s) citing document(s) \_\_\_\_\_, together with an English-language version(s) (if not already in English) of that portion of the report(s) indicating the degree of relevance found by the foreign office(s) is/are submitted.

☐ English language family member publication(s) of document(s) \_\_\_\_\_ is/are noted on Form PTO-1449.

☒ English language abstract(s) is/are submitted for document(s)  
CB-CE.

☐ English translation(s) of the foreign language document(s)  
\_\_\_\_\_ is/are submitted herewith.

☐ Applicant submits the following explanations:  
\_\_\_\_\_.

V. Continuations/Divisionals

☐ Documents \_\_\_\_\_ were of record in parent application Serial No. \_\_\_\_\_, filed \_\_\_\_\_, from which this application claims benefit. As provided in 37 C.F.R. §1.98(d), copies of the documents are not being provided since they were previously submitted to or cited by the United States Patent and Trademark Office in the afore-mentioned parent application.

VI. Co-pending Applications

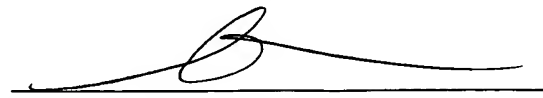
The documents cited in this Information Disclosure Statement have been submitted and/or made of record in co-pending U.S. Application Nos. 10/058,149, 10/058,036, 10/059,031, and U.S. Patent No. 7,050,117, all of which have the same assignee as the present application.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

If necessary, this paper should be considered as an authorization to charge Deposit Account 05-1323, Attorney Docket No.: 010482.50894, for the fee set forth in 37 C.F.R. § 1.17(p).

Respectfully submitted,

August 8, 2006

  
\_\_\_\_\_  
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SWP:crr



PTO/SB/08a (08-03)

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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/058,035		
		Filing Date	January 29, 2002		
		First Named Inventor	Toshihiro TAKAGI		
		Art Unit	2623		
		Examiner Name	F. Hossain		
Sheet	1	of	2	Attorney Docket Number	010482.50894US

U.S. PATENT DOCUMENTS						
Examiner Initials'	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)				
	BA	US-5,410,326		04-25-1995	Goldstein	
	BB	US-5,461,427		10-24-1995	Duffield et al.	
	BC	US- 6,084,643		07-04-2000	Kishtaka et al.	
	BD	US-6,084,645		07-04-2000	Park et al.	
	BE	US- 6,104,436		08-15-2000	Lee	
	BF	US- 6,215,530	B1	04-10-2001	Wasilewski	
	BG	US-6,367,078	B1	04-02-2002	Lasky	
	BH	US-6,396,523	B1	05-28-2002	Segal et al.	
	BI	US-6,490,001	B1	12-03-2002	Shintani et al.	
	BJ	US-6,564,378	B1	05-13-2003	Satterfield et al.	
	BK	US-6,598,233	B1	07-22-2003	Choi	
	BL	US-6,731,345	B2	05-04-2004	Lee	
	BM	US- 6,775,843	B1	08-10-2004	McDermott	
	BN	US- 6,766,526	B1	07-20-2004	Ellis	
	BO	US-6,817,027	B1	11-09-2004	Curreri	
	BP	US-6,825,874	B1	11-30-2004	Tripathy	
	BQ	US-6,836,296	B1	12-28-2004	Terakado et al.	
	BR	US- 7,050,117	B2	05-23-2006	Takagi et al.	
	BS	US-2002/0089603	A1	07-11-2002	Onomatsu	
	BT	US- 2002/0101540	A1	08-01-2002	Takagi et al.	
	BU	US- 2002-0104085	A1	08-01-2002	Takagi et al.	
	BV	US- 2002/0104103	A1	08-01-2002	Takagi et al.	
	BW	US-2002/0113895	A1	08-22-2002	Takagi et al.	
	BX	US-2002/0171775	A1	11-21-2002	Okabe	
	BY	US-2004/0133910	A1	07-08-2004	Gordon et al.	
	BZ	US-2004/0172661	A1	09-02-2004	Yagawa et al.	
	CA	US- 2005/0163148	A1	07-28-2005	Kim et al.	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case.

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FOREIGN PATENT DOCUMENTS						
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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	CB	JP 04-227379	08-17-1992	Thomson Consumer Electron Inc.		Abstract
	CC	JP 11-275476	10-08-1999	Sony Corp.		Abstract
	CD	JP 55-02760	02-26-1980	Matsushita Electric Ind. Co. Ltd.		Abstract
	CE	JP 2000-165766	06-16-2000	Tokyo Shibaura Electric Co.; Toshiba Ave. KK		Abstract

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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